

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of:)
)
ARNOULD)
)
Continuation of Application No. 10/332,271) Group Art Unit: 1626
)
Parent Application Filed: January 7, 2003) Examiner: Ramsuer
)
FOR: COLCHINOL DERIVATIVES AS)
ANGIOGENESIS INHIBITORS)

Commissioner for Patents
U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, **Mail Stop Patent Application**
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

Date: November 12, 2003

Sir:

INFORMATION DISCLOSURE STATEMENT

Citation of Related U.S. Patent Applications

The Examiner's attention is directed to the following related co-pending U.S. patent applications:

Examiner's Initials	Inventor	U.S. Serial No.	U.S. Filing Date	PCT Publication No.	PCT Publication Date
	Davis et al.	09/869,925	08/23/2001	WO 00/40529	July 13, 2000
	Dougherty	09/477,805 USP 6,423,753	01/05/2000	WO 99/02166	Jan. 21, 1999
	Arnould et al.	10/332,129	01/06/03	WO 02/04434	Jan. 17, 2002

A copy of the specification and claims for each application in the form of the published PCT application from which such application was filed, has previously been provided in parent application Serial No. 10/332,271.

PLEASE DO NOT PRINT the above information on the patent resulting from the subject application.

Consideration of each listed application is earnestly solicited since unpublished patent applications are contemplated as IDS material; see the exception in Rule 98(a)(2)(iii) and note the penultimate sentence of MPEP 609.

Further, in keeping with MPEP 609, Subsec. C(2), 2nd para., line 10 to end of the paragraph (especially note lines 18-25) PLEASE RETURN A COPY OF THIS LETTER with the Examiner's initials adjacent each above listing so that applicant will know that each listed application has been considered as required by PTO policy.

Citation of Documents

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO-1449. This Information Disclosure Statement is being filed concurrently with the filing of this Continuation Application of copending Application No. 10/332,271.

Copies of the listed documents were previously submitted or cited by the Examiner in parent Application No. 10/332,271. Accordingly, no copies of the listed documents are provided herewith. Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form.

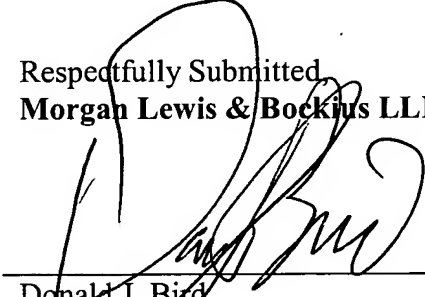
Consideration of the foregoing and enclosures plus the return of a copy of the herewith filed Form PTO-1449 with the Examiner's initials in the left column per MPEP 609 along with an early action on the merits of this application are earnestly solicited.

Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0310. This paragraph is intended to be a **CONSTRUCTIVE PETITION FOR EXTENSION OF TIME** -in accordance with 37 C.F.R. §1.136(a)(3).

Respectfully Submitted,
Morgan Lewis & Bockius LLP

Date: November 12, 2003
Morgan Lewis & Bockius LLP
Customer No. **009629**
1111 Pennsylvania Avenue, N.W.
Washington, D.C. 20004
Tel. No.: 202-739-3000
DJB:mk

By:



Donald J. Bird
Registration No. 25,323
Tel. No.: (202) 739-5320
Fax No.: (202) 739-3001

FORM PTO-1449 (modified) To: U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No.		Client Ref.		
				056291-5126		100093-1P US		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant: Arnould				
				Continuation of Application No. 10/332,271				
				Parent Application Filing Date: January 7, 2003				
				Examiner: Ramsuer		Group Art Unit: 1626		
Date: November 12, 2003 Page 1 of 9								
U.S. PATENT DOCUMENTS								
Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)		Class	Sub Class	Filing Date (if appropriate)
	AR	3,442,953	05/1969	Muller et al.				
	BR	5,561,122	10/1996	Pettit				
	CR	5,760,092	06/1998	Timashef et al.				
	DR	5,843,910	12/1999	Bombardelli et al.				
	ER	5,973,204	10/1999	Bombardelli				
	FR	6,080,739	06/2000	Bombardelli				
	GR	6,423,753 B1	07/2002	Dougherty				
FOREIGN PATENT DOCUMENTS								
		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available
						Enclosed	No	Enclose
						No		No
	HR	4.685 M	01/1967	France	Roussel-Uclaf			
	IR	39-19634	09/1964	Japan	Nakamura			X
	JR	39-19635	09/1964	Japan	Nakamura			X
*	KR	97/47577	12/1997	WIPO	Bombardelli			
*	LR	99/02166	01/1999	WIPO	Dougherty			
	MR	00/40529	07/2000	WIPO	Davies et al.			
	NR	00/48606 A1	08/2000	WIPO	Pero et al.			
	OR	02/04434	01/2002	WIPO	Arnould et al.			
	PR	02/08213	01/2002	WIPO	Arnould			
OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)								
	QR	Abu Zarga et al., "New Natural Dibenzocycloheptylamine Alkaloids": A Possible Catabolic Route for the Colchicine Alkaloids", J. Nat. Prod., (1991), 54(4), 936-940						
	RR	Hunter et al., "The photo-oxidation of some novel Colchicine derivatives", Afinidad, Vol, 38, No. 372, 1981, pp. 122-123						
	SR	Al-Tel et al., "New Natural Colchicinoids: Indications of Two Possible Catabolic Routes for the Colchicine Alkaloids", J. Nat. Prod., (1990) 53 (3), 623-629						
	TR	Banwell et al., "Total Syntheses of the Structures Assigned to Salimine and Jerusalemine, Alkaloids from <i>Colchicum decaisnei</i> Boiss. (Liliaceae)", J. Chem. Soc., Chem. Commun., (1994) (22) 2647-2649						
	UR	Banwell, et al., "Synthesis and Tubulin-Binding Properties of Some AC- and ABC-Ring Analogues of Alcolcolchicine", Aust J Chem., (1992), 45, 1967-1982						
Examiner					Date Considered:			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.								

FORM PTO-1449 (modified) To: U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No. 056291-5126		Client Ref. 100093-1P US	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant: Arnould			
				Continuation of Application No. 10/332,271			
				Parent Application Filing Date: January 7, 2003			
Date: November 12, 2003		Page 1 of 9		Examiner: Ramsuer		Group Art Unit: 1626	

U.S. PATENT DOCUMENTS							
Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)	
AR							
BR							
CR							

FOREIGN PATENT DOCUMENTS							English Abstract		Translation Readily Available	
	Document Number	Date MM/YYYY	Country	Inventor Name			Enclosed	No	Enclose	No
DR										
ER										
FR										

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)										
GR	Battersby et al., "Biosynthesis. Part 26 ¹ . Synthetic Studies on Structural Modification of Late Biosynthetic Precursors for Colchicine", J. Chem. Soc., Perkin Trans 1, (1983), (12), 3053-3063									
HR	Boger et al., "Thermal Reactions of Cyclopropanone Ketals. Application of . . . Total Synthesis of Colchicine", J. Am. Chem. Soc., (1986) (108 (21), 6713-6719									
IR	Boyé et al. "185. Deaminocolchinyll Methyl Ether: Synthesis from . . . Errfects of Deaminocolchinyll Methyl Ether and Dehydro Analogs", Helv. Chem. Acta, (1989), 72 (8), 1690-1696									
JR	Boyé et al. "Potential Covalent Markers of the Colchicine-Binding-Site . . . Isothiocyanato Groups", Med.Chem. Res., (1991), 1 (2), 142-150									
KR	Boye et al., "Natural Products. Antitubulin effect of congeners of N-acetylcolchinyll . . . of demethoxy analogues of deaminocolchinyll methyl ether", Can. J. Chem., (1992), 70 (5), 1237-49									
LR	Boyé et al., "Synthesis of ¹⁴ C Labelled Electrophilic Ligands of the Colchicine . . . 9-Deoxy-N-Acetylcolchinol.", J. Labelled Compd Radiopharm., (1993) 33(4), 293-299									
MR	Brecht et al., "(-)-(M,7S)-Colchicine and (-)-(M,7S)-10-Ethylthiocolchicide/Alkyne . . . Consecutive [4+2] and [3+2] Cycloadditions", Eur. Jour. Org. Chem., (1998) (11) 2451-2460									
NR	Brossi et al., "aS, 7S-absolute configuration of natural (-)-colchicine and allocongeners", FEBS Lett., (1990), 262 (1), 5-7									

Examiner	Date Considered:
----------	------------------

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified) To: U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No.		Client Ref.		
				056291-5126		100093-1P US		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant: Arnould				
				Continuation of Application No. 10/332,271				
				Parent Application Filing Date: January 7, 2003				
				Examiner: Ramsuer		Group Art Unit: 1626		
Date: November 12, 2003 Page 1 of 9								
U.S. PATENT DOCUMENTS								
Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)		Class	Sub Class	Filing Date (if appropriate)
	AR							
	BR							
	CR							
FOREIGN PATENT DOCUMENTS								
		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available
						Enclosed	No	Enclose
	DR							
	ER							
	FR							
OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)								
	GR	Deinum et al., "Synthesis and Binding to Tubulin of an Alcolcolchicine Spin Probe." Acta Chem. Scand, Ser B (1981) B35 (10), 677-81						
	HR	Dilger et al., "Arbeitsvorschriften und Meßwerte Procedures and Data Formaldehyd-O-oxid und Colchicine: ein eleganter Zugang zu Alcolcolcicinen", J. Prakt Chem./Chem-Ztg, (1998), 340 (5), 468-471 (in German)						
	IR	Dokl Akad Nauk UzSSR, (1991) (4) 33-35						
	JR	Dumortier et al., "Alternations of Rings B and C of Colchicine Are Cumulative in Overall Binding to Tubulin but Modify Each Kinetic Step", Biochemistry, (1996), 35 (49), 15900-15906						
	KR	Fernholz, "Über die Umlagerung des Colchicins mit Natriumalkoholat und die Struktur des Ringes C ¹ ", Justus Liebigs Ann. Chem., CODEN: JLACBF, 568, (1950), 63-82						
	LR	Fitzgerald, "Molecular Features of Colchicine Associated with Antimitotic Activity and Inhibition of Tubulin Polymerization", Biochemistry Pharmacology, (1976), 25, 1383-1387						
	MR	Ghera et al., "Total Synthesis of Lignan (±)-Schizandrin", J. Chem. Soc., Chem. Commun., (1978) (11), 480-481						
	NR	Hahn et al., "Synthesis and Evaluation of 2-Diazo-3,3,3-Trifluoropropanoyl . . . Photochemistry, and Tubulin Binding", Photochem. Photobiol., (1992) 55 (1), 17-27						
	OR	Han et al., "Distances between the Paclitaxel, Colchicine, and Exchangeable GTP Binding Sites on Tubulin", Biochemistry, (1998), 37 (19), 6636-6644						
Examiner					Date Considered:			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.								

FORM PTO-1449 (modified) To: U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No.		Client Ref.			
				056291-5126		100093-1P US			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant: Arnould					
				Continuation of Application No. 10/332,271					
				Parent Application Filing Date: January 7, 2003					
				Examiner: Ramsuer		Group Art Unit: 1626			
Date: November 12, 2003 Page 1 of 9									
U.S. PATENT DOCUMENTS									
Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)		
	AR								
	BR								
	CR								
FOREIGN PATENT DOCUMENTS									
		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
	DR								
	ER								
	FR								
OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)									
	GR	Hastie, "Spectroscopic analyses of colchicinoid-tubulin complexes", Cellular Pharmacology, (1993), 1 (Suppl. 1), S17-S21							
	HR	Hastie, "Spectroscopic and Kinetic Features of Alcolchicine Binding to Tubulin", Biochemistry, (1989), 28 (19), 7753-7760							
	IR	Hrbek et al., "Circular Dichroism of Alkaloids of Colchicine Type And Their Derivatives", Collect. Czech. Chem. Commun., (1982), 47 (8), 2258-79							
	JR	Iorio, "Contraction of the Tropolonic Ring of Colchicine by Hydrogen Peroxide Oxidation", Heterocycles, (1984), 22 (10), 2207-2211							
	KR	Izv Akad Nauk Turkm SSR, Ser Fiz-Tekh, Khim Geol Nauk, (1976), (1), 70-73					X		X
	LR	Kiselev et al., "Benzenoid Rearrangement of Colchicine by the Action of Ethylene Glycol", Zh. Org. Khim., (1977), 13 (11), 2337-2342 (in Russian) (English translation attached)							
	MR	Kiselev et al., "Derivatives of Aminocolchicide VI" Obshch. Khim., (1970), 40 (4), 914-915 (in Russian, English translation attached)							
	NR	Kiselev, "Derivatives of Aminocolchicide. VII", Zh. Zh. Obshch. Khim., (1971), 41 (2) 464-466 (in Russian, English translation attached)							
	OR	Kita et al., "Non-phenolic oxidative coupling of phenol ether derivatives using phenyliodine (III) bis(trifluoroacetate)", Chem. Commun. (Cambridge), (1996) (12), 1481-1482							
Examiner					Date Considered:				
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.									

FORM PTO-1449 (modified) To: U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No. <div style="border: 1px solid black; padding: 2px; text-align: center;">056291-5126</div>		Client Ref. <div style="border: 1px solid black; padding: 2px; text-align: center;">100093-1P US</div>			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant: Arnould					
				Continuation of Application No. 10/332,271					
				Parent Application Filing Date: January 7, 2003					
				Examiner: Ramsuer		Group Art Unit: 1626			
Date: November 12, 2003 Page 1 of 9									
U.S. PATENT DOCUMENTS									
Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)		
	AR								
	BR								
	CR								
FOREIGN PATENT DOCUMENTS									
		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
	DR								
	ER								
	FR								
OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)									
	GR	Leiter et al., "Damage Induced in Sarcoma 37 with Chemical Agents. III. Colchicine Derivatives Related to Trimethylcolchicinic Acid and to Colchinol", J. Natl. Cancer Inst., (1952), 13, 379-392							
	HR	Mackay et al., "Structures of Colchicine Analogues. IV. An Aminodibromoalcolchicine, C ₂₀ H ₂₂ Br ₂ N ₂ O ₄ ", Acta Crystallogr, Section C: Cryst. Struct Commun, (1991) C47 (12), 2615-2618							
	IR	Medrano, "Roles of Colchicine Rings B and C in the Binding Process to Tubulin", Biochemistry, (1989), 28 (13), 5589-5599							
	JR	Menéndez et al., "A Thermodynamic Study of the Interaction of Tubulin with Colchicine Site Ligands", J. Biol. Chem., (1989), 264, (28), 16367-16371							
	KR	Olszewski et al., "Potential Photoaffinity Labels for Tubulin. Synthesis and . . . Colchicine, Combretastatin, and 3,4,5-Trimethoxybiphenyl", J. Org. Chem., (1994), 59 (15) 4285-4296							
	LR	Ondra et al, "Colchicinoide – Ihre Toxizität Und Biologische Aktivität", Acta Univ Palacki Olomuc Fac Med, (1995) 139, 17-18							
	MR	Palmquist et al., "Anodic Oxidation of Phenolic Compounds. 4. ^{1a} Scope and Mechanism of the Anodic Intramolecular Coupling of Phenolic Diarylalkanes", J. Am. Chem. Soc., (1976), 98(9), 2571-80							
	NR	Perez-Ramirez et al., "Cosolvent Modulation of the Tubulin-Colchicine GTPase-Activating Conformational Change: Strength of the Enzymatic Activity", Biochemistry, (1994), 33 (20), 6262-6267							
Examiner					Date Considered:				
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.									

FORM PTO-1449 (modified) To: U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No.		Client Ref.		
				056291-5126		100093-1P US		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant: Arnould				
				Continuation of Application No. 10/332,271				
				Parent Application Filing Date: January 7, 2003				
				Examiner: Ramsuer		Group Art Unit: 1626		
Date: November 12, 2003 Page 1 of 9								
U.S. PATENT DOCUMENTS								
Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)		Class	Sub Class	Filing Date (if appropriate)
	AR							
	BR							
	CR							
FOREIGN PATENT DOCUMENTS								
		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available
						Enclosed	No	Enclose
	DR							
	ER							
	FR							
OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)								
	GR	Perez-Ramirez et al., "Linkages in Tubulin-Colchicine Functions: The Role of Ring C (C') Oxygens and Ring B in the Controls", Biochemistry, (1998), 37 (6), 1646-1661						
	HR	Perez-Ramirez et al., "Stoichiometric and Substoichiometric Inhibition of Tubulin Self-Assembly by Colchicine Analogues", Biochemistry, (1996), 35 (10), 3277-3285						
	IR	Perez-Ramirez et al., "The Colchicine-Induced GTPase Activity of Tubulin: State of the Product. Activation by Microtubule-Promoting Cosolvents," Biochemistry, (1994), 33 (20), 6253-6261						
	JR	Powell et al., "Role of Ring C Substituents Related to Allocolchicine on Antitubulin Action", Med. Chem. Res., (1996), 164-173						
	KR	Prakash et al., "Aging of Tubulin at Neutral pH: Stabilization by Colchicine and its Analogues", Archives of Biochem & Biophysics (1992), 295 (1), 146-152						
	LR	Pyles et al., "Role of the B-Ring Substituent in the Fluorescence of Colchicinoid-Tubulin and Allocolchicinoid-Tubulin Complexes", Biochemistry, (1992), 31 (31), 7086-93						
	MR	Rossi et al., "Structural Analysis of the Substoichiometric and Stoichiometric Microtubule-Inhibiting Biphenyl Analogues of Colchicine", Biochemistry, (1996), 35 (10), 3286-3289						
	NR	Schönharting et al., "Metabolic Transformation of Colchicine I. The Oxidative Formation of Products from Colchicine in the Udenfriend System", Hoppe-Seyler's Z. Physiol.Chem., (1973), 354 (1), 421-436						
Examiner					Date Considered:			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.								

FORM PTO-1449 (modified) To: U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No.		Client Ref.		
				056291-5126		100093-1P US		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant: Arnould				
				Continuation of Application No. 10/332,271				
				Parent Application Filing Date: January 7, 2003				
				Examiner: Ramsuer		Group Art Unit: 1626		
Date: November 12, 2003 Page 1 of 9								
U.S. PATENT DOCUMENTS								
Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)		Class	Sub Class	Filing Date (if appropriate)
	AR							
	BR							
	CR							
FOREIGN PATENT DOCUMENTS								
		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available
						Enclosed	No	Enclose
	DR							
	ER							
	FR							
OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)								
	GR	Shearwin et al., "Effect of Colchicine Analogues on the Dissociation of $\alpha\beta$ into Subunits: The Locus of Colchicine Binding", Biochemistry, (1994), 33 (4), 894-901						
	HR	Shi et al., "Antitumor Agents Part 184 ¹) Syntheses and Antibutulin Activity of Compounds Derived from Reaction of Thiocolchicone with Amiens: Lactams, Alcohols, and Ester Analogs of Allothiocolchicinoids", Helv Chim Acta, (1998), 81, 1023-1037						
	IR	Shi et al., "Antitumor Agents. 183. Syntheses, Conformational Analyses, and Antitubulin Activity of Allochiocolchicinoids", J. Org. Chem., (1998), 63, 4018-4025						
	JR	Shi et al., "Antitumore Agents. 172. Synthesis and Biological Evaluation of Novel Deacetamidothiocolchicin-7-ols and Ester Analogs as Antitubulin Agents", J. Med. Chem., (1997), 40, 961-966						
	KR	Staretz et al., "Synthesis, Photochemical Decomposition, and Tubulin Binding of 10-Azido-10-demethoxycolchicine and 9-Azido-9-demethoxysicolchicine", J. Org. Chem., (1991) 56 (1), 428-432						
	LR	Sterzl et al., "Effect of Colchicine Derivatives on the Antibody Response Induced <i>in vitro</i> ", Folia Microbiol. (Prague), (1982), 27 (4), 256-266						
	MR	Tang-Wai et al., "Structure Activity Relationships in the Colchicine Molecule with Respect to Interaction with the Mammalian Multidrug Transporter, P-Glycoprotein", Heterocycles, (1994), 39 (1) 385-403						
	NR	Timbekov et al., "Mass-Spectrometric Study of New Alkaloids from Plants of the Family Liliaceae", Khim. Pri. Soedin, (1985) (1) 3-11 (in Russian) (English translation attached)						
Examiner					Date Considered:			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.								

FORM PTO-1449 (modified) To: U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No.		Client Ref.		
				056291-5126		100093-1P US		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant: Arnould				
				Continuation of Application No. 10/332,271				
				Parent Application Filing Date: January 7, 2003				
				Examiner: Ramsuer		Group Art Unit: 1626		
Date: November 12, 2003 Page 1 of 9								
U.S. PATENT DOCUMENTS								
Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)		Class	Sub Class	Filing Date (if appropriate)
	AR							
	BR							
	CR							
FOREIGN PATENT DOCUMENTS								
		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available
						Enclosed	No	Enclose
	DR							
	ER							
	FR							
OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)								
	GR	Timbekov et al., "Mass Spectrometric Study of Alkaloids of the Homoaporphine, Homomorpine and Allocolchicine Series", "Tezisy Dokl. = Sov.-Indiiskii Simp. Khim. Priir. Soedin., 5th (1978), p. 85 (Chemical Abstracts attached)						
	HR	Tojo et al., "The Dibenzocycloheptylamine Alkaloids", J. Nat. Prod., (1989), 52 (5), 1163-1166						
	IR	Ward et al., "Energy Transfer Studies of the Distance between the Colchicine, Ruthenium Red, and BisANS Binding Sites on Calf Brain Tubulin", Biochemistry, (1994), 33 (39), 11900-11908						
	JR	Ward et al., "Energy-Transfer Studies of the Distance . . . Binding Sites on Calf Brain Tubulin", Biochemistry, (1988), 27 (5), 1508-1514						
	KR	Wolff et al., "Cochicine Binding to Antibodies", J. Biol. Chem., (1980) 255 (15), 7144-7148						
	LR	Wosikowski et al., "Identification of Epidermal Growth Factor Receptor and c-erbB2 Pathway Inhibitors by Correlation With Gene Expression Patterns", J. Natl. Cancer Inst., (1997), 89 (20) 1505-1515						
	MR	Xie et al., "Synthesis of three new Schizandrin Analogues", Chin. Chem. Lett., (1998) 9 (7) 631-634						
	NR	Yusupov et al., "A Study of 2-Demethylalcolchicine and Its Derivatives", Khim. Priir. Soedin, (1973), (2), 194-196 (in Russian) (English translation attached)						
	OR							
Examiner					Date Considered:			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.								

FORM PTO-1449 (modified) To: U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No.		Client Ref.		
				056291-5126		100093-1P US		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant: Arnould				
				Continuation of Application No. 10/332,271				
				Parent Application Filing Date: January 7, 2003				
				Examiner: Ramsuer		Group Art Unit: 1626		
Date: November 12, 2003 Page 1 of 9								
U.S. PATENT DOCUMENTS								
Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)		Class	Sub Class	Filing Date (if appropriate)
	AR							
	BR							
	CR							
FOREIGN PATENT DOCUMENTS								
		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available
						Enclosed	No	Enclose
	DR							
	ER							
	FR							
OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)								
	GR	Zh Obshch Khim., (1994) 64(5) 856-864 (in Russian)					X	X
	HR	Zweig et al., "Inhibition of Sodium Urate-Induced Rat Hindpaw Edema by Colchicine Derivatives: Correlation with Antimitotic Activity", J. Pharmacol. Exp. Therapeutics, (1972), 182(2), 344-350						
	IR	Zweig et al., "Interaction of Some Colchicine Analogs, Vinblastine and Podophyllotoxin with Rat Brain Microtubule Protein", Biochemistry Pharmacology, (1973), 22, 2141-2150						
	JR							
	KR							
	LR							
	MR							
	NR							
	OR							
	PR							
	QR							
	RR							
	SR							
	TR							
Examiner					Date Considered:			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.								